

20090611.ba v04_n272.bam.20090611

>From ???@??? Thu Jun 11 12:04:59 2009 -0500
Date: Thu, 11 Jun 2009 12:04:11 CST
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 4272
Message-Id: <20090611180414.1FF7210AFA3@srvr1.theporch.com>

BOATANCHORS Digest 4272

Topics covered in this issue include:

- 1) Gonset 2 Meter info needed
by "B. Smith" <smithab11@comcast.net>
- 2) Re: Gonset 2 Meter info needed
by "RICHARD GEORGE" <k6kwq@msn.com>
- 3)
by "RICHARD GEORGE" <k6kwq@msn.com>
- 4) FS: Collin 75A-4 s/n 5665, and speakers
by "Soundval" <soundval@foothill.net>
- 5) Gonset communicator
by "RICHARD GEORGE" <k6kwq@msn.com>
- 6) Re: Gonset communicator
by John J Mccarty <jmccarty@alcatel-lucent.com>
- 7) Re: Gonset communicator
by "RICHARD GEORGE" <k6kwq@msn.com>
- 8) Re: Soldering Iron Stand/Holder Component Material
by WA5CAB@cs.com
- 9) need 3JP1 or similar CRT frame
by Chuck Grandgent <chuck@chuckg.com>
- 10) RT-3 Spy transmitter FS
by "Robert Roehrig (K9EUI)" <broehrig@aurora.edu>
- 11) RT-3 gone
by "Robert Roehrig (K9EUI)" <broehrig@aurora.edu>
- 12) Spy via Shortwave Alive and Well
by "David Stinson" <arc5@ix.netcom.com>
- 13) Re: Spy via Shortwave Alive and Well
by "Guido" <laffitte@prtc.net>
- 14) Getting a Handle on a Moral Set
by Al Klase <al@ar88.net>
- 15) TR 5206 HF Set
by Jerry Proc <jerry7proc@yahoo.com>
- 16) Re: Soldering Iron Stand/Holder Component Material
by WA5CAB@cs.com
- 17) FS: pr 816 merc. vapor rectifiers \$16 shipped to US
by "Al Parker" <anchor@ec.rr.com>

Message-ID: <B8758237B8164438BE67C7F2436A79CE@BCXHTR8HVC4P>

From: "B. Smith" <smithab11@comcast.net>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Gonset 2 Meter info needed

Date: Mon, 1 Jun 2009 14:53:56 -0400

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I have a 2 meter Gonset Communicator II, model number is missing. I repaired the unit and it is operating satisfactory but I would like to obtain the schematic, voltage and resistance chart, and a parts list for future reference.

BAMA has a few schematics but not the exact one for this unit. There is no model number on the unit.

To help ID the receiver it has a squelch circuit and the usual 7 tubes.

The IF strip contains 2 ea 6BH6's and 1 ea 6AU6 which I find unusual but it works FB.

Next to the 6T8 detector is a small subminiature tube a 6BG7 which is used in a squelch circuit, I have never seen a sub miniature tube used in a Gonset Communicator before.

73

breck k4che

Message-ID: <BAY103-DS710E7ACD5D6A2F4054D26F54C0@phx.gbl>

From: "RICHARD GEORGE" <k6kwq@msn.com>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: Gonset 2 Meter info needed

Date: Mon, 1 Jun 2009 13:06:14 -0700

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I have 2 six meter version Communicators. I have never been able to obtain the exact schematic for them either. Mine both have the little sub miniature 6BG7 tube also that does not show up on any schematics.

I have managed to get them going with the documentation I have. I have a lot of paperwork and discs on the gonset but neither again show the one you have. Somewhere out there there has to be a gonset guru with a ton of paperwork on these radios.

What I like about Gonset is he sure knew how to put 10 lbs of quality parts in a 5 lb package.

K6KWQ Dick
Amps by "MORE POWER"

----- Original Message -----

From: "B. Smith" <smithab11@comcast.net>
To: "Old Tube Radios" <boatanchors@theporch.com>
Sent: Monday, June 01, 2009 11:53 AM
Subject: Gonset 2 Meter info needed

> I have a 2 meter Gonset Communicator II, model number is missing. I
> repaired the unit and it is operating satisfactory but I would like to
> obtain the schematic, voltage and resistance chart, and a parts list for
> future reference.
> BAMA has a few schematics but not the exact one for this unit. There is no
> model number on the unit.
> To help ID the receiver it has a squelch circuit and the usual 7 tubes.
> The IF strip contains 2 ea 6BH6's and 1 ea 6AU6 which I find unusual but
> it
> works FB.
> Next to the 6T8 detector is a small subminiature tube a 6BG7 which is used
> in
> a squelch circuit, I have never seen a sub miniature tube used in a Gonset
> Communicator before.
>
> 73
>
> breck k4che
>
>

Message-ID: <BAY103-DS27F7795CE74FE90749C9CF54D0@phx.gbl>
From: "RICHARD GEORGE" <k6kwq@msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject:
Date: Mon, 1 Jun 2009 18:07:58 -0700
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I need 2ea 6X4 tubes. What do you have and how much
Thanks

K6KWQ Dick

Amps by "MORE POWER"

Message-ID: <552595F8FE7C49FF8A143754F9897CF2@Rippen>
From: "Soundval" <soundval@foothill.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: FS: Collin 75A-4 s/n 5665, and speakers
Date: Tue, 2 Jun 2009 19:23:55 -0700
MIME-Version: 1.0
Content-Type: text/plain;
format=flowed;
charset="iso-8859-1";
reply-type=original
Content-Transfer-Encoding: 7bit

Collins 75A-4 serial number 5665. Very good, original condition. I have owned this for about 10 years. As far as I can tell, it has not been messed with by armchair engineers. It comes with the following Khz width filters: 0.5, 3.1 & 6.0 which are installed, plus a 1.5 filter. I know of no problems everything appears to work properly. \$1350 plus shipping from 95603, Auburn, CA.

I will use 45 pounds to calculate shipping and add \$7 for insurance.

I will pack and ship to continental USA only.

Payment by PayPal, USPS money order or International Postal Money Order or personal check with 1 week clearing allowed.

<http://www.muchstuff.com/75a4/75a41.jpg>

<http://www.muchstuff.com/75a4/75a42.jpg>

<http://www.muchstuff.com/75a4/75a43.jpg>

<http://www.muchstuff.com/75a4/75a44.jpg>

<http://www.muchstuff.com/75a4/75a45.jpg>

<http://www.muchstuff.com/75a4/75a46.jpg>

<http://www.muchstuff.com/75a4/75a47.jpg>

<http://www.muchstuff.com/75a4/75a48.jpg>

<http://www.muchstuff.com/75a4/75a49.jpg>

Collins 270G-1 speaker in good condition. Contains an 8 inch Jensen PM speaker.

I will use 9 pounds to calculate shipping from 95603, Auburn, CA.

I will pack and ship to continental USA only. \$245.00 plus shipping.

Payment by PayPal, USPS money order or International Postal Money Order or personal check with 1 week clearing allowed.

<http://www.muchstuff.com/270g1/270g11.jpg>

<http://www.muchstuff.com/270g1/270g12.jpg>

<http://www.muchstuff.com/270g1/270g13.jpg>

Collins 270G-2 speaker in good condition. Contains a 10 inch Utah PM speaker. \$245.00 plus shipping

I will use 10 pounds to calculate shipping from 95603, Auburn, CA.

I will pack and ship to continental USA only.
Payment by PayPal, USPS money order or International Postal Money Order or
personal check with 1 week clearing allowed.
<http://www.muchstuff.com/270g2/270g21.jpg>
<http://www.muchstuff.com/270g2/270g22.jpg>
<http://www.muchstuff.com/270g2/270g23.jpg>

I will not ship to out of the US.
For foreign buyers I will ship to their agent here in the US.

Eugene Rippen, WB6SZS
105 Donnington Ave.
Auburn, CA 95603

Message-ID: <BAY103-DS666F73EB6C89B540D81D3F54A0@phx.gbl>
From: "RICHARD GEORGE" <k6kwq@msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Gonset communicator
Date: Wed, 3 Jun 2009 14:50:16 -0700
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Somewhere out there someone has got Gonset communicator documentation. I have
used all the sources I can find on the internet such as Bama, manual
suppliers, CD's, and what have you. I'm working on a six meter
communicator, It does not say one two or 3 on the front, but is an early
model that uses screw driver adjustments for all the tuning controls on the
front. I have 2 of these complete. Both appear to be pretty much the same
and use a subminiature pencil tube that is referred to in some of the
documentation but not in any of the schematics. It is a 6bg7 and appears to
be in the Squelch circuit, the area that is not working correctly. On the
schematics I have they show this being a 9002 tube.

Someone must have the correct documentation for these as I own 2 of them
both being purchased in different parts of the country.

Any help would be greatly appreciated.

K6KWQ Dick
Amps by "MORE POWER"

Message-ID: <4A280687.6090200@lucent.com>
Date: Thu, 04 Jun 2009 12:38:15 -0500
From: John J Mccarty <jmccarty@alcatel-lucent.com>

MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Gonset communicator
Content-Type: text/plain; charset=windows-1252
Content-Transfer-Encoding: quoted-printable

Dick;

Gonset documentation always seems to be a problem. They seemed to have made a lot circuit changes during production runs and the schematics didn't always get updated. I've had several II's and III's pass through my hands, and at least 1 with the pencil tube in the RX, and I've been pretty lucky to get them working (Though I have a couple of dog II's right now that have me stumped). But, all of the Gonsets I've worked on never seemed to match the commonly available documentation one way or another. I have never seen a schematic for the pencil tube RX, nor has anyone I've ever talked with. My friend who as a II 2 = meter RX with the pencil tube says that he's planning to reverse engineer it when he has the time, but it most likely won't be soon. On the II's RX, once you replace the three paper caps (two on the back of the squelch control, one .47 under the chassis), the biggest bug-a-boo is bad solder joints and tube sockets that are no longer making good contact with the chassis. They are neat rigs and very compact but some of the craftsmanship and construction methods have not held up well over the last 50 years, especially when some of the units had a hard life, like ham mobile service.

Good luck and 73

John n9hrt

On 6/3/2009 4:50 PM, RICHARD GEORGE wrote:

> Somewhere out there someone has got Gonset communicator documentation. I= have=20
> used all the sources I can find on the internet such as Bama, manual=20
> suppliers, CD's, and what have you. I'm working on a six meter=20
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> documentation but not in any of the schematics. It is a 6bg7 and appea= rs to=20
> be in the Squelch circuit, the area that is not working correctly. On t= he=20
> schematics I have they show this being a 9002 tube.
>=20
> Someone must have the correct documentation for these as I own 2 of th= em=20
> both being purchased in different parts of the country.
>=20
> Any help would be greatly appreciated.
>=20
> K6KWQ Dick
> Amps by "MORE POWER"=20
>=20

Message-ID: <BAY103-DS3F87585D4BFAE75997BA0F54B0@phx.gbl>

From: "RICHARD GEORGE" <k6kwq@msn.com>

To: Old Tube Radios <boatanchors@theporch.com>

Cc: "Old Tube Radios" <boatanchors@theporch.com>

Subject: Re: Gonset communicator

Date: Thu, 4 Jun 2009 11:46:07 -0700

MIME-Version: 1.0

Content-Type: text/plain;
charset="Windows-1252"

Content-Transfer-Encoding: 8bit

After some more checking it appears that the one I'm working on is a 12 volt only model, not the universal 6v/12v reciever. I just reversed engineered the fil circuit and found out that it uses a mix of 6v and 12v tubes. I have recapped it and still have a low sens problem with a large amount of hum like maybe a grid resistor is open.

Thanks for the info.

K6KWQ Dick

Amps by "MORE POWER"

----- Original Message -----

From: "John J Mccarty" <jmccarty@alcatel-lucent.com>
To: "Old Tube Radios" <boatanchors@theporch.com>
Cc: "Old Tube Radios" <boatanchors@theporch.com>
Sent: Thursday, June 04, 2009 10:38 AM
Subject: Re: Gonset communicator

Dick;

Gonset documentation always seems to be a problem. They seemed to have made a lot circuit changes during production runs and the schematics didn't always get updated. I've had several II's and III's pass through my hands, and at least 1 with the pencil tube in the RX, and I've been pretty lucky to get them working (Though I have a couple of dog II's right now that have me stumped). But, all of the Gonsets I've worked on never seemed to match the commonly available documentation one way or another. I have never seen a schematic for the pencil tube RX, nor has anyone I've ever talked with. My friend who as a II 2 meter RX with the pencil tube says that he's planning to reverse engineer it when he has the time, but it most likely won't be soon. On the II's RX, once you replace the three paper caps (two on the back of the squelch control, one .47 under the chassis), the biggest bug-a-boo is bad solder joints and tube sockets that are no longer making good contact with the chassis. They are neat rigs and very compact but some of the craftsmanship and construction methods have not held up well over the last 50 years, especially when some of the units had a hard life, like ham mobile service.

Good luck and 73

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> schematics I have they show this being a 9002 tube.
>
> Someone must have the correct documentation for these as I own 2 of them
> both being purchased in different parts of the country.
>
> Any help would be greatly appreciated.
>
> K6KWQ Dick
> Amps by "MORE POWER"
>

From: WA5CAB@cs.com

Message-ID: <c97.43c7e253.375a0729@cs.com>

Date: Fri, 5 Jun 2009 01:29:13 EDT

Subject: Re: Soldering Iron Stand/Holder Component Material

To: Old Tube Radios <boatanchors@theporch.com>

MIME-Version: 1.0

Content-Type: multipart/alternative;

boundary="part1_c97.43c7e253.375a0729_boundary"

--part1_c97.43c7e253.375a0729_boundary

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

Arden,

In the end, I went with virgin PTFE. And found that compared to aluminum, it machines best with about twice the amount of material removal per pass. Otherwise, about the same. Although I continued to use it for about two and a half years, the bakelite one really lasted only about two years. Had I had a replacement I would have replaced it at that point. We'll see how the teflon holds up in comparison.

I was able to buy a piece of solid round of the correct OD to start with (1-5/8") from McMaster. But had to buy a foot of it. As the finished part is only 1.5" long, allowing for wastage in the parting off process and the fact that in order to work it in my lathe I had to cut the original 12" piece into two 6" nominal length pieces, I have enough left to make five more. If it lasts as long as the bakelite one, I'll run out of stock around my 77th birthday. :-)

In a message dated 5/22/2009 12:12:49 PM Central Daylight Time, gumbear@pacbell.net writes:

> Teflon formulations nowadays, I believe, don't suffer from cold flow so
> much. No one wants mush for mechanical parts. Yes, I've heard it's hard
> to
> machine but there is no doubt a technique you have to master.
>

> Arden
>

> ----- Original Message -----

> From: <WA5CAB@cs.com>

> To: <gumbear@pacbell.net>; <boatanchors@theporch.com>

> Sent: Thursday, May 21, 2009 9:01 PM

> Subject: Re: Soldering Iron Stand/Holder Component Material
>
>

> >Well, I thought of that but Teflon doesn't really machine very well.

> It's

> >soft and bends away from the cutting tool. And is bad to cold-flow in

> >service. I was hoping that there was something better. I can see the

> thing

> >after a few years looking like an aging starlet. All droopy.
> >

> >And it's only rated to 500 F. Of course that's better than the 375 F

> >rating of Garolite.
> >

> >In a message dated 5/21/2009 10:13:36 PM Central Daylight Time,

> >gumbear@pacbell.net writes:

> >>.....Can anyone recommend a specific material to use, that is likely

> to

> >>be readily available from say McMaster?
> >>

> >>You probably already thought of it Bob, make it out of teflon. It will

> >>wear

> >>well and as long as the iron is properly seated will suffer the heat

> near

> >>the handle well. One of my Weller holders is about to crap out from

> years

> >>of use and it's made of bakelite (phenolic). I'd expect teflon to give

> >>equivalent service.
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

--part1_c97.43c7e253.375a0729_boundary
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

```
* * * * *  
*      ---REMAINDER OF MESSAGE TRUNCATED---      *  
*      This post contains a forbidden message format      *  
*      (such as an attached file, a v-card, HTML formatting) *  
*      Mail Lists at theporch.com only accept PLAIN TEXT      *  
*      If your postings display this message your mail program *  
*      is not set to send PLAIN TEXT ONLY and needs adjusting *  
* * * * *
```

--part1_c97.43c7e253.375a0729_boundary--

MIME-Version: 1.0
Date: Fri, 5 Jun 2009 20:58:40 -0400
Message-ID: <a913924b0906051758x1eeb9660m7794e2a1239a39ec@mail.gmail.com>
Subject: need 3JP1 or similar CRT frame
From: Chuck Grandgent <chuck@chuckg.com>
To: Old Tube Radios <boatanchors@theporch.com>
Content-Type: multipart/alternative; boundary=001e680f0f78872e8e046ba38290

--001e680f0f78872e8e046ba38290
Content-Type: text/plain; charset=UTF-8
Content-Transfer-Encoding: 7bit

Looking for a basic CRT frame, 3JP1 or any of the similar types.
Need it mounted on a chassis with socket,
With power supply is a plus, but not strictly necessary.

I'll be applying only DC voltages, so no need for any other sync circuitry
etc.

This is for a QST project from the 60's, monitoring lightning strikes.

Anybody have anything like that ?

Chuck, K10M

--001e680f0f78872e8e046ba38290
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *
* ---REMAINDER OF MESSAGE TRUNCATED--- *
* This post contains a forbidden message format *
* (such as an attached file, a v-card, HTML formatting) *
* Mail Lists at theporch.com only accept PLAIN TEXT *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *

--001e680f0f78872e8e046ba38290--

Date: Sat, 6 Jun 2009 12:02:47 -0500 (CDT)
From: "Robert Roehrig (K9EUI)" <broehrig@aurora.edu>
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <2107024064.4337581244307767116.JavaMail.root@mars.aurora.edu>
Subject: RT-3 Spy transmitter FS
MIME-Version: 1.0
Content-Type: text/plain; charset=utf-8
Content-Transfer-Encoding: 7bit

Be the first kid on your block to own a genuine spy transmitter! This is part of the RS-1 spy set or the Army AN/GRC-109 set. 2 tube CW xtal controlled transmitter covers 3-22 MHz output = 10 to 15 watts. I obtained this from Fair Radio years ago and it appears to be new. Manual copy included. \$50 plus shipping (NOTE: U.S. only)

--
Bob Roehrig
630-844-4898
A.U. Telecom dept.
K9EUI WD2XSH/19 W9ZGP

Date: Sat, 6 Jun 2009 12:28:44 -0500 (CDT)
From: "Robert Roehrig (K9EUI)" <broehrig@aurora.edu>
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <1389732680.4337841244309324909.JavaMail.root@mars.aurora.edu>
Subject: RT-3 gone
MIME-Version: 1.0
Content-Type: text/plain; charset=utf-8
Content-Transfer-Encoding: 7bit

Transmitter has been spoken for. thanks.

--

Bob Roehrig
630-844-4898
A.U. Telecom dept.
K9EUI WD2XSH/19 W9ZGP

Message-ID: <EBE42ACA7F9B4F67AE3444ED46C80160@boudreaux>
From: "David Stinson" <arc5@ix.netcom.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Spy via Shortwave Alive and Well
Date: Sun, 7 Jun 2009 09:49:56 -0500
MIME-Version: 1.0
Content-Type: text/plain;
 format=flowed;
 charset="iso-8859-1";
 reply-type=original
Content-Transfer-Encoding: 7bit

A search of QRZ says he's not a ham, thank God.

WASHINGTON (Reuters) - A former U.S. State Department official and his wife have been arrested for spying for the Cuban government for nearly 30 years, the Justice Department said on Friday.

Walter Kendall Myers, 72, aided by his wife Gwendolyn Myers, 71, used his Top Secret security clearance to pass on classified information to the Cuban government and at one point met with Cuban leader Fidel Castro, according to court documents..... The two received messages from the Cuban government via shortwave radio and hand-passed messages, and typically passed their responses to handlers by hand.

Message-ID: <001101c9e783\$18549c20\$4000000a@CPQ10443900021>
From: "Guido" <laffitte@prtc.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Spy via Shortwave Alive and Well
Date: Sun, 7 Jun 2009 12:17:38 -0300
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Some people continue to live in la-la land regarding our neighbor 90 miles south of Key West. I am a 1960s Cuban immigrant, now a very proud American citizen. It is beyond my comprehension why people would do something like this. Well, I know I'm off subject. Sorry but I had to let it go. Good to know that they were not hams.

73s

Guido KP4FAR

----- Original Message -----

From: "David Stinson" <arc5@ix.netcom.com>

To: "Old Tube Radios" <boatanchors@theporch.com>

Sent: Sunday, June 07, 2009 11:49 AM

Subject: Spy via Shortwave Alive and Well

> A search of QRZ says he's not a ham, thank God.

>

> -----

>

> WASHINGTON (Reuters) - A former U.S. State Department official

> and his wife have been arrested for spying for the Cuban government

> for nearly 30 years, the Justice Department said on Friday.

>

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> used his Top Secret security clearance to pass on

> classified information to the Cuban government and at one point

> met with Cuban leader Fidel Castro, according to court documents.....

> The two received messages from the Cuban government

> via shortwave radio and hand-passed messages,

> and typically passed their responses to handlers by hand.

>

>

>

Message-ID: <4A2E804D.7080702@ar88.net>

Date: Tue, 09 Jun 2009 11:31:25 -0400

From: Al Klase <al@ar88.net>

MIME-Version: 1.0

To: Old Tube Radios <boatanchors@theporch.com>

CC: Daniel Schoo <xenongas@hotmail.com>

Subject: Getting a Handle on a Moral Set

Content-Type: text/plain; charset=ISO-8859-1; format=flowed

Content-Transfer-Encoding: 7bit

Gang,

Daniel Schoo is restoring a Templetone model BP2-A5 military "morale" radio. He's trying to understand what the original handle and knobs looked like. You can see a picture of his set here:
<http://www.skywaves.ar88.net/images/Templetone.jpg>

Please "REPLY ALL" so Daniel gets a copy..

Thanks,
Al

--
Al Klase - N3FRQ
Jersey City, NJ
<http://www.skywaves.ar88.net/>

Message-ID: <538394.57365.qm@web90602.mail.mud.yahoo.com>
Date: Wed, 10 Jun 2009 04:36:47 -0700 (PDT)
From: Jerry Proc <jerry7proc@yahoo.com>
Subject: TR 5206 HF Set
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=utf-8
Content-Transfer-Encoding: quoted-printable

Hello Everyone,

Does anyone have a cross reference to TR 5206 HF radio set? (It was used on the Fairey Firefly flown by the Canadian Navy). Also installed was the TR 5043 (SCR522) for VHF comm. I=E2=80=99m wondering if the TR 5206 equates to a more common radio just like the TR5043? =20

--
Regards,
Jerry Proc
E-mail: jerry7proc@yahoo.com=0A=0A=0A _____=
_____ =0AThe new Internet Explorer=C2=AE 8 - Fa=ster, safer, easier. Optimized for Yahoo! Get it Now for Free! at [http://=downloads.yahoo.com/ca/internetexplorer/](http://downloads.yahoo.com/ca/internetexplorer/)

From: WA5CAB@cs.com
Message-ID: <d2b.4f087803.376186c5@cs.com>
Date: Wed, 10 Jun 2009 17:59:33 EDT
Subject: Re: Soldering Iron Stand/Holder Component Material
To: Old Tube Radios <boatanchors@theporch.com>

MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="part1_d2b.4f087803.376186c5_boundary"

--part1_d2b.4f087803.376186c5_boundary
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I regret to report (but maybe it'll keep anyone who stumbles across this thread in the future from wasting time and money) that Teflon (PTFE) is very definitely not a suitable material for making a replacement for the insulated (phenolic) part of the common commercial sort of soldering iron holder.

I bought a one-foot length (the minimum order) of solid virgin PTFE from McMaster in the same OD as the original phenolic part (1-5/8"). I machined it to the same dimensions as the original except for the ID, which I didn't know, as it is what burned out. The ID I initially made about 1/16" larger than the OD of the heating element that needed to stick through it. In a cold test, it was easy to reach across the bench and stick the desoldering handpiece into the hole without paying much attention.

On the first hot use, it worked OK initially. Then the handpiece sat in the holder for 15-20 minutes while I did something not concerning it. Then needing to do some more desoldering, I reached and grabbed the handpiece and it, the stand, and the soldering iron in the other holder on the stand all came off the bench. The desoldering handpiece was solidly stuck in the teflon insulator. It took two screwdrivers and some prying to extract it. Being in the middle of an actual job, I continued, using an ill-fitting separate single stand that was sitting beside the dual one. When I finished the job, I removed the teflon insulator (it had cooled off and came out much easier than it had gone in). I put it back in the lathe and bored the ID out to about 1/8" larger than the diameter of the heating element. And reinstalled it and parked the handpiece in it. About 30 minutes later, the handpiece was again stuck, although not as tightly. And the insulator came out of the holder with little effort. After cooling off again, the ID is marginally larger than the heating element diameter and the OD is a full 1/16" smaller than I had originally machined it.

I will add that one of several cheap holders that I bought on eBay as possible sources of the phenolic insulator would actually have worked except that the coiled spring part is too weak to support the moderately heavy desoldering handpiece. It bends down about 30 degrees when I insert the handpiece and turn loose of it. And the insulator can't be modified and used as a replacement as the ID is larger than the OD of the insulator that fits the stiffer spring on the Royal dual holder.

Robert Downs - Houston

wa5cab dot com (Web Store)
MVPA 9480

--part1_d2b.4f087803.376186c5_boundary
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

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* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
*      This post contains a forbidden message format      *
*      (such as an attached file, a v-card, HTML formatting) *
*      Mail Lists at theporch.com only accept PLAIN TEXT      *
*      If your postings display this message your mail program *
*      is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *
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--part1_d2b.4f087803.376186c5_boundary--

Message-ID: <45382781003949C189A5F18934FC40B4@HOME>
From: "Al Parker" <anchor@ec.rr.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: FS: pr 816 merc. vapor rectifiers \$16 shipped to US
Date: Thu, 11 Jun 2009 14:03:03 -0400
MIME-Version: 1.0
Content-Type: text/plain;
 format=flowed;
 charset="iso-8859-1";
 reply-type=original
Content-Transfer-Encoding: 7bit

Hi Folks,
One Pair 816 RCA Mercury Vapor Rectifier Tubes \$16 incl. US postage.
These are small, only 4" high above the 4-pin socket.
They appear to be NOS, unused. They have been tested on my TV-7A tester
and both test above 50, vs a normal minimum of 40. Look closely in the pic
on the tester, you can see the blue glow of the mercury vapor under the
plates. <http://www.boatanchors.org/81602.jpg>

Typical operating values for Full-wave Single-Phase:
Max. transformer secondary voltage 2600v RMS
Approx. DC output voltage to filter 2400 vdc
max. DC current output, 250 ma
max DC Output Power to filter 600 watts

73,
Al, W8UT
New Bern, NC

www.boatanchors.org
www.hammarlund.info

"there is nothing -absolutely nothing- half as much worth doing as simply
messaging about in boats."

Ratty, to Mole

End of BOATANCHORS Digest 4272
